

Figure 1:

AS 01: 3'-teg-G\*G\*G C\*C\*C\*G G\*C A\*C\*C G\*T\*C\*C T\*T\*C\*G  
 AS 02: 3'-teg-G\*G\*G\*T\*C A A G\*C\*C\*C T\*C\*T G\*T A\*C\*C\*G  
 AS 03: 3'-teg-G\*C\*C\*C T\*C\*T G\*T A\*C\*C G\*C\*C\*C G\*C\*A\*A  
 AS 04: 3'-teg-T\*A\*C\*C G\*C\*C\*C G\*C A A\*T\*T\*T\*C G A\*G\*A  
 AS 05: 3'-teg-T\*T\*C\*G A G A\*G\*C A\*C\*C G\*T A A\*T A\*G\*G  
 AS 06: 3'-teg-G\*A\*A\*T A\*C G A\*C\*C\*C\*T A\*C A\*C G G\*A\*A  
 AS 07: 3'-teg-A\*C\*A\*C G G A A\*T\*C\*T C\*C\*T\*A A\*T A\*C\*C  
 AS 08: 3'-teg-C\*T\*C\*C\*T A A\*T A\*C\*C G\*C A A\*A\*T G\*A\*C  
 AS 09: 3'-teg-C\*C\*G\*C\*A A A\*T G A\*C\*C\*G G G A\*A T\*A\*A  
 AS 10: 3'-teg-A\*C\*G G A\*C A G\*C\*C\*C T\*T\*G A\*C\*C G\*T\*A  
 AS 11: 3'-teg-G\*G\*A\*C A G\*C\*C\*C T\*T\*G A\*C\*C G\*T A\*T A\*A\*A  
 AS 12: 3'-teg-G\*C\*C\*C T\*T\*G A\*C\*C G\*T A\*T A A\*A G\*A\*A  
 AS 13: 3'-teg-G\*G\*A A\*C\*A\*C A A\*C\*C\*G T\*C\*C\*G T\*T\*A\*C  
 AS 14: 3'-teg-T\*G\*T A\*C A\*C G\*T G\*T A\*C G\*C\*C G\*T A\*A  
 AS 15: 3'-teg-G\*C\*C\*T C\*C\*T G\*T C\*C\*A G\*C\*C\*G C\*C\*A\*A  
 AS 16: 3'-teg-G\*G\*A\*C\*C G A\*C\*A T\*T\*G C\*A\*C G\*T C\*T A\*A\*A

\*: Thioéster

\_: 2'O-Méthylation

teg: espaceur Triéthylenglycol

Figure 2

	10	20	30	40	50	60
OB-RGRP_humaine	-----	MAG-VKALVALSFSGAIGLTFLMLGCALE	DYGVYWPLFVLIFHAIS			
My47_humaine	-----	MAG-IKALISLSFSGAIGLMFLMLGCALPIYNKYWPLFVLFFYILS				
yt02_C.elegans	MCCHIH	IQCFDCCSMKNTILAVAALAFAGVVGLTFLVLGCALPRYGTWTPMFVITFFVLS				
YJ14_Levure	-----	MMEFKVSPLTKIISLSGFLALGFLLVILSCAL--FHNYYP	LF	DILIFLLA		
Consensus	MCCHIH	IQCF2222MAG2IKALI2LSF4GAIGLTFLMLGCALP3YG4YWPLFV24FY4LS				

	70	80	90	100	110	120
OB-RGRP_humaine	PIPHFI	AKR----	VTYDSDATSSACRELAYFFTTGIVVSAFGFPVILARVAVIKWGACG			
My47_humaine	PIPYCI	ARR----	LVDDTDAMSNACKELAIFLTGIVVSAFGLPIVFARAHLEWGACA			
yt02_C.elegans	PVP	LLIARR----	FQEDMTGTN-ACIELALFITTGIVISAFALPIVLAHAGTIAMSACF			
YJ14_Levure	PIPNTIFNAGNKYHTSDFMSDSSNTGQDLAHFLTGM	LV	TSGIALPVV	FYHCQLIGHLS	CI	
Consensus	PIP44I	ARRGNKYH44DDMDATSNAC4ELA4FLT	TGIVVSAF2LP2V2A2A4LI4WGAC4			

	130	140	150
OB-RGRP_humaine	LVL	AGNAVIFLTIQGFFLIFGRGDDFSWEQW-	
My47_humaine	LVL	TGNTVIFATILGFFLVFGSKDDFSWQQW-	
yt02_C.elegans	LIF	ANSINFSVIIFFYFRIFNGEDMNGMSLW-	
YJ14_Levure	MCM	IGGLIIYSSIVIFKWWFFKKDFNEDDSLFG	
Consensus	LVL	LIGN42IFSTI4GFFLIFG44DDFSWS2WG	

Figure 3A

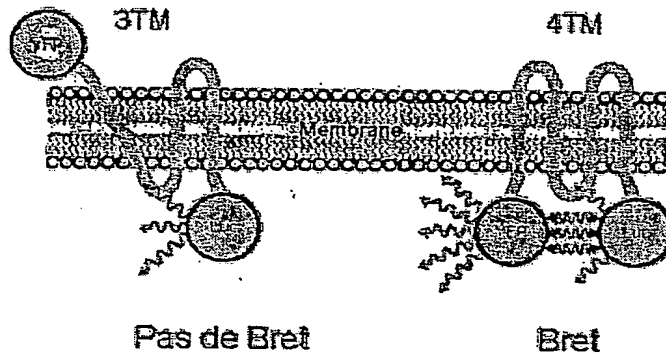


Figure 3B

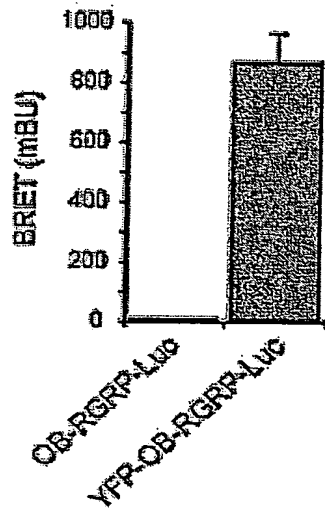


Figure 4A

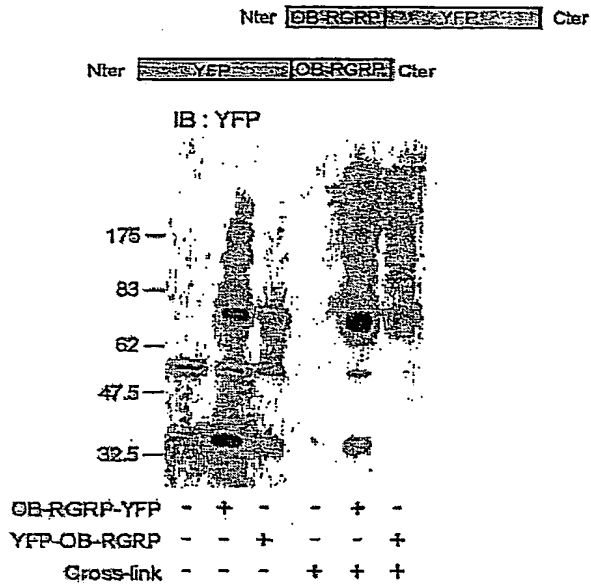


Figure 4B

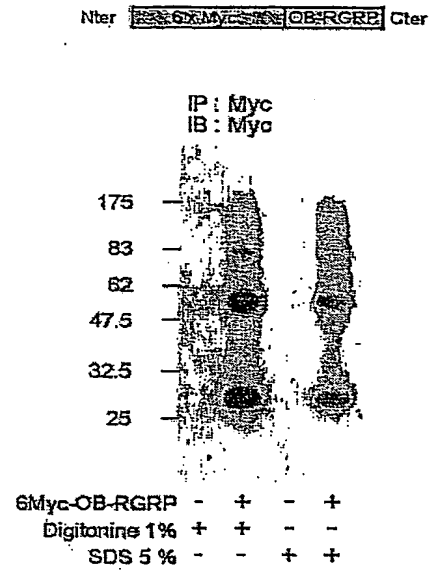


Figure 5

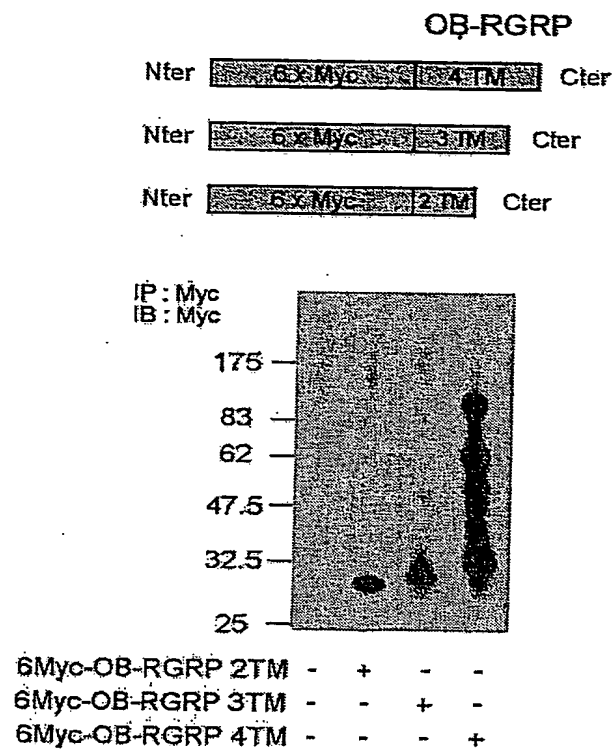


Figure 6 A

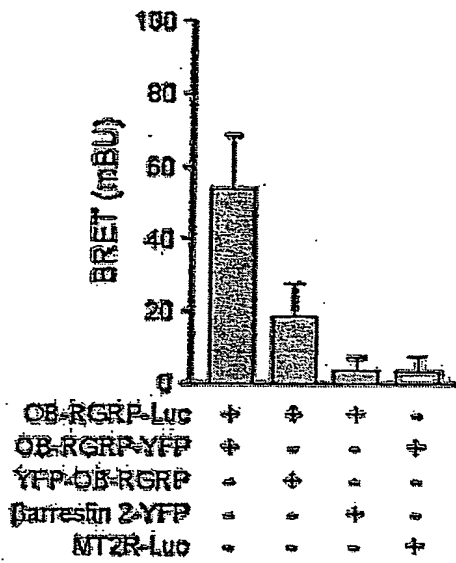
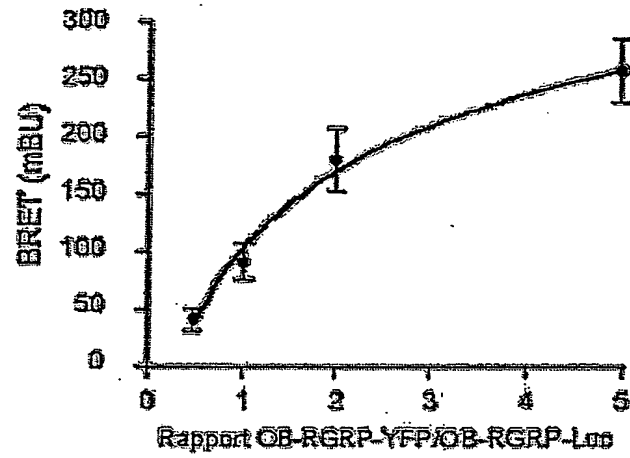


Figure 6B



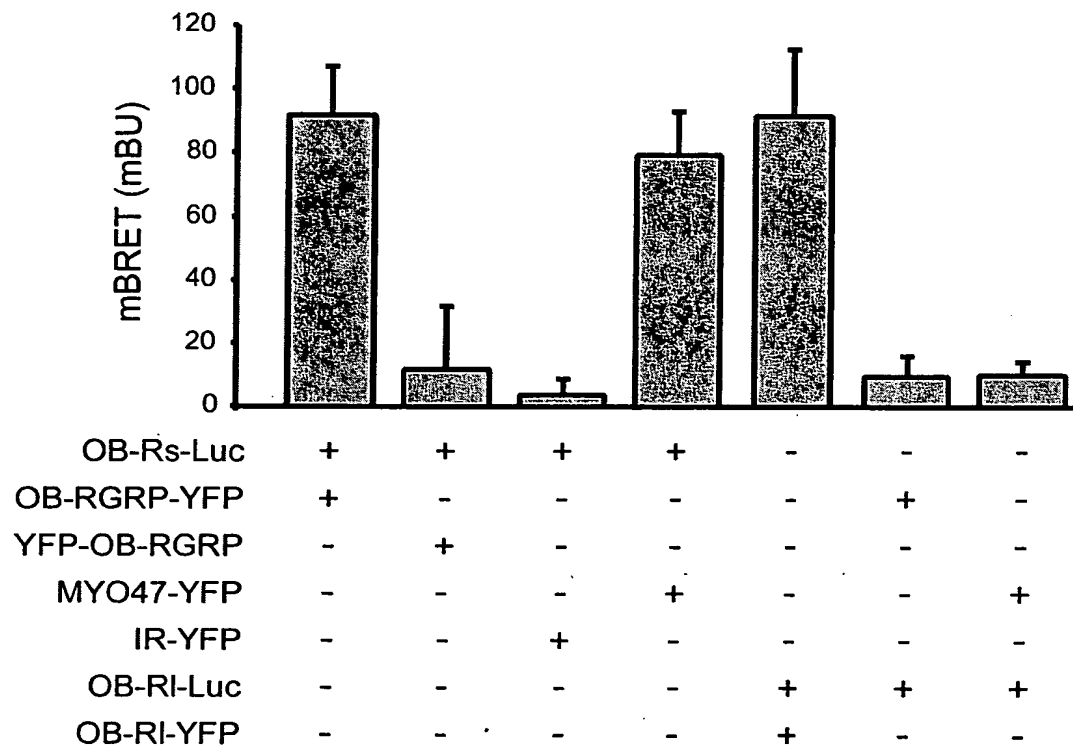
**Figure 7**

Figure 8 a

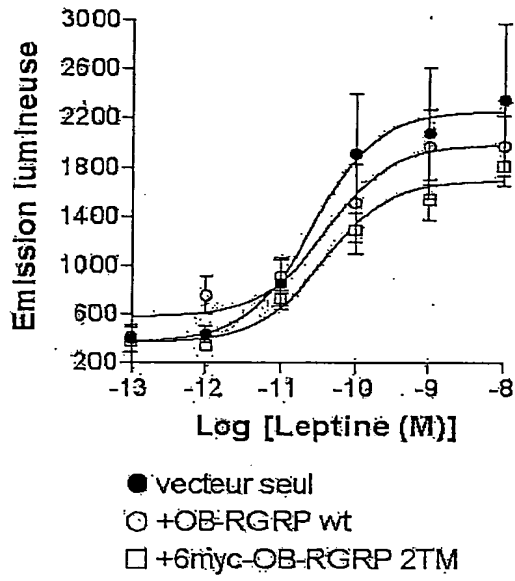
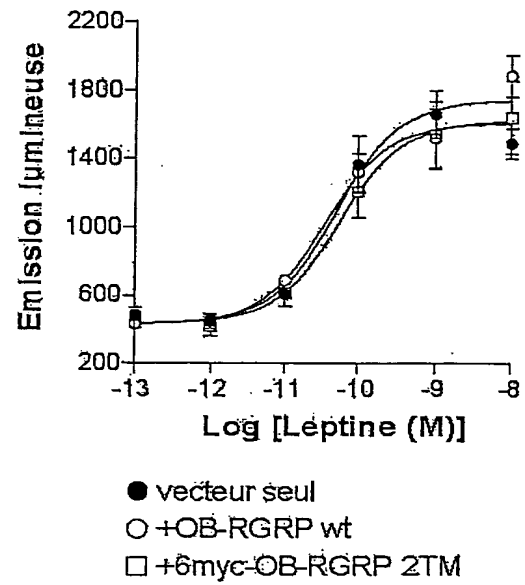


Figure 8b





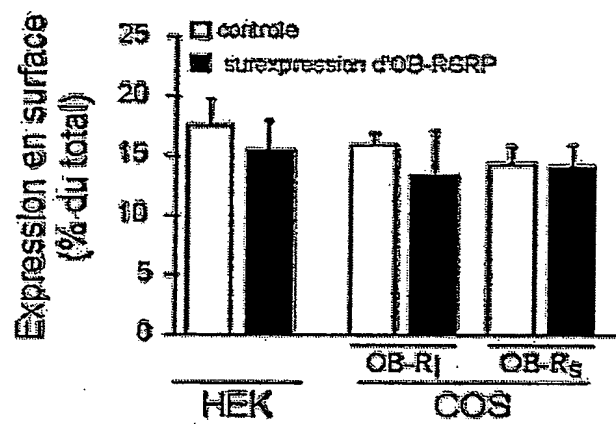
**Figure 9**

Figure 10a

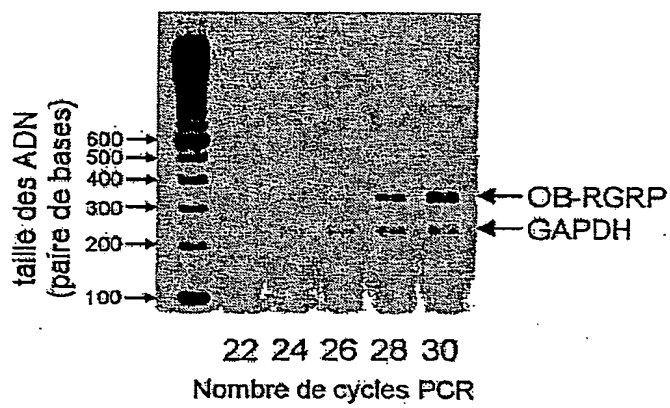


Figure 10b

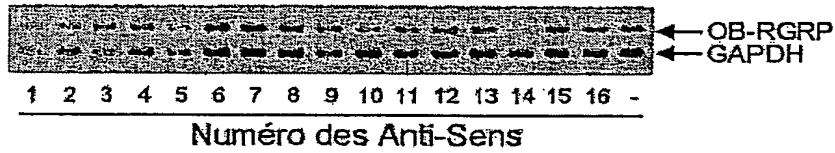
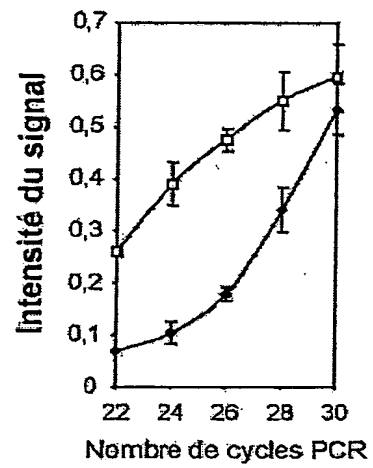


Figure 10c

FIGURE 11A

5' - gugccugucgggaacuggcTT -3'  
 3' - TTcacggacagcccuugaccg -5'

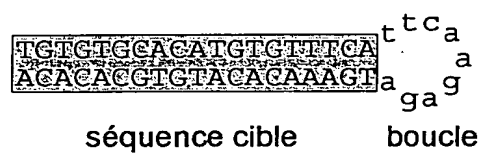


FIGURE 11C

FIGURE 11B

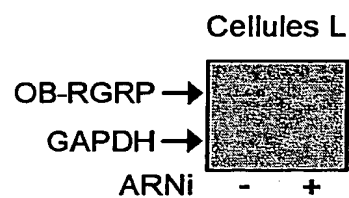
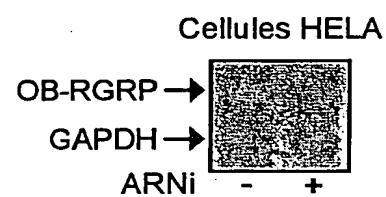


FIGURE 11D

FIGURE 12

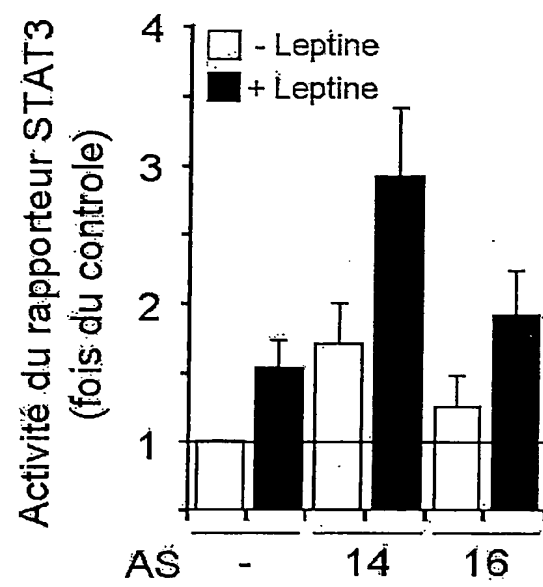


FIGURE 13

